

The Radio Shack Portable Multiband Radio is an all-in-one radio system designed to provide high-quality sound. The multi-band tuner lets you listen to the radio, VHF television audio, weather, and aircraft transmissions. Its portable design means you can use it anywhere you go, indoors or out, at work or play.

Its features include:

Three Power Options - you can power your radio from four AA batteries, standard AC power (with an optional adapter), or vehicle battery power (with an optional adapter).

Automatic Frequency Control (AFC) - lets you listen to drift-free FM reception with reduced sound distortion.

Telescoping Antenna - for good FM and TV audio reception.

Earphone Jack - allows private listening.

Wrist Strap - lets you hang the radio from your wrist.

Power Indicator - indicates when the radio's power is on.

You can power your radio from:

Internal battery power, using four AA batteries

Standard AC power, using an optional AC adapter

Vehicle battery power, using an optional DC adapter

#### USING BATTERIES

You can power your radio from four AA batteries (not supplied). For the best results, we recommend alkaline batteries such as Radio Shack Cat. No. 23-552.

1. Remove the battery compartment cover by sliding it in the direction of the arrow.
2. If necessary, remove the old batteries by pulling the ribbon.

Cautions: To protect the radio from battery leakage, never leave dead, weak, or old batteries in the radio. If you do not plan to use the radio for a month or more, or if you plan to use an AC or DC adapter, remove the batteries.

Always dispose of old batteries promptly and properly.

3. Insert four fresh AA batteries in the compartment as indicated by the polarity symbols (+ and -) marked in the compartment.

Cautions: Use only fresh batteries of the required size and type.

Never mix fresh with old batteries.

4. Replace the battery compartment cover.

When you use batteries and the radio does not operate properly or the sound weakens or distorts, replace the batteries.

#### USING STANDARD AC POWER

You can power your radio from standard AC power using an optional AC adapter, such as Radio Shack Cat. No. 273-1662.

Cautions: The recommended AC adapter supplies 6 volts and delivers at least 100 milliamps. Its center tip is set to negative, and its plug correctly fits your radio's DC 6V jack. Using an AC adapter that does not meet these specifications could seriously damage the radio or the adapter.

To avoid exposure to hazardous voltage, always plug the AC adapter into the radio before you plug it into a standard AC outlet and always unplug the adapter from the AC outlet before you unplug it from radio.

1. Insert the adapter's barrel plug into the radio's DC 6V jack.

Note: The radio automatically disconnects the internal batteries when you connect the AC adapter.

2. Plug the adapter into a standard AC outlet.

#### USING VEHICLE BATTERY POWER

You can power your radio from your vehicle battery using an optional DC adapter, such as Radio Shack Cat. No. 273-1802.

Cautions: Your vehicle must have a 12-volt DC, negative-ground electrical system.

The recommended DC adapter supplies 6 volts and delivers at least 100 milliamps. Its center tip is set to negative, and its plug correctly fits your radio's DC 6V jack. Using a DC adapter that does not meet these specifications could seriously damage the radio or the adapter.

To avoid exposure to hazardous voltage, always plug the DC adapter into the radio before you plug it into your car's cigarette-lighter socket and always unplug the adapter from your car's cigarette-lighter socket before you unplug it from the radio.

1. Insert the adapter's barrel plug into the radio's DC 6V jack.

Note: The radio automatically disconnects the internal batteries when you connect the DC adapter.

2. Plug the adapter's larger plug into the vehicle's cigarette-lighter

socket .

The multi-band tuner lets you listen to AM or FM radio broadcasts, the audio portion of television programs TV1 or TV2 - channels 2 through 13 only, aircraft communication transmissions (AIR), public and marine two-way communication transmissions (VHF), and local weather information (WX).

#### PLAYING THE RADIO

1. Turn VOLUME clockwise until it clicks to turn on the radio. The POWER indicator lights.
2. Set AM/FM/TV1/TV2/AIR/VHF/WX to the desired band.
3. Adjust TUNING to the desired station.

Notes: Rotate the radio (the AM antenna is built in) to the position that produces the best AM reception.

Fully extend the telescoping antenna and swivel it to the position that produces the best FM, TV1, TV2, AIR, VHF, and WX reception.

4. Adjust VOLUME to a comfortable listening level.
5. To turn off the radio, turn VOLUME counterclockwise until it clicks.

#### USING AN EARPHONE

For private listening, insert an earphone (not supplied) with a 1/8-inch plug into the EAR jack. Your local Radio Shack store carries earphones.

Note: Connecting an earphone automatically disconnects the built-in speaker.

#### Listening Safely

Do not listen at extremely high volume levels. Extended, high-volume listening can lead to permanent hearing loss. Follow these guidelines to protect your hearing, especially when you use an earphone.

Always start by setting the volume to the lowest level possible before you begin listening.

Put the earphones on, then gradually increase the volume as necessary.

Once you set the volume, do not increase it. Over a period of time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

#### Traffic Safety

Do not wear earphones while operating a motor vehicle or riding a bicycle. This can create a traffic hazard and is illegal in some areas.

Even though some earphones are designed to let you hear some outside sounds when listening at normal volume levels, they still present a traffic hazard.

#### USING THE WRIST STRAP

For your convenience, the radio is equipped with a strap so you can hang it from your wrist.

#### CARING FOR THE RADIO

The Radio Shack Portable Multiband Radio is an example of superior design and craftsmanship. The following suggestions will help you care for the radio so you can enjoy it for years.

Keep the radio dry. If it gets wet, wipe it dry immediately. Water contains minerals that can corrode electronic circuits.

Use the radio only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and warp or melt the case.

Handle the radio carefully. Dropping it can damage the case and circuit boards and cause the product to work improperly.

Keep the radio away from dust and dirt, which can cause premature wear of parts.

Wipe the radio occasionally with a damp cloth to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the radio.

Modifying or tampering with the radio's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your radio is not performing as it should, take it to your local Radio Shack store for assistance.

#### FCC INFORMATION

This radio complies with the limits as specified in Part 15 of FCC Rules. These limits provide reasonable protection against radio and TV interference in a residential area. However, this radio might cause interference on your TV's or other radio's receiver, even when it is operating properly.

To eliminate interference, try one or more of the following:

Reorient or relocate the receiving antennas.

Increase the distance between this radio and the other radio or TV.

Use outlets on different electrical circuits for this radio and the other radio or TV.

Consult your local Radio Shack store or an experienced radio/TV technician if the problem still exists. If you cannot eliminate the interference, the FCC requires that you stop using your radio.



Portable Multiband (120-0456)  
Radio

Specifications

Faxback Doc. # 3665

BANDS

Frequency Range.....AM: 530-1710 kHz  
TV1: (Channels 2-6) 59-87.75 MHz  
FM: 88-108 MHz  
AIR: 108-135 MHz  
VHF: 145-175 MHz  
WX: 162.4-162.55 MHz  
TV2: (Channels 7-13) 178-216.5 MHz

GENERAL

Power Output.....350 mW  
Power Requirement.....DC 6V (4 AA batteries)  
Dimensions.....4 9/16 X 7 1/2 X 1 3/4 Inches (HWD)  
(116 X 191 X 44 mm)  
Weight (without Batteries).....16.6 oz (470 g)  
Antenna.....FM Telescoping

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

(br/all-12/19/94)  
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